

B1

2. (Twice Amended) A flow machine comprising:
a compressor, said compressor having an intake duct and an additional duct to the
intake duct;
at least one turbine;
an exhaust duct connected to the at least one turbine directly or through intermediate
elements;
a first booster stage arranged in the additional duct to the intake duct; and
a second booster stage arranged in the exhaust gas duct, or in an additional duct of
the exhaust gas duct.

3. (Twice Amended) The flow machine according to claim 1, wherein at least
one of the first booster stage and the second booster stage comprises one or more booster
elements with fans, the booster elements with fans being arranged in parallel or series.

4. (Twice Amended) The flow machine according to claim 3, wherein the
booster elements have electrical drives which are designed as low voltage drives.

Cancel claims 8 and 9.

B2

10. (Twice Amended) A process for the operation of a flow machine having a
compressor, said compressor having an intake duct; at least one turbine; an exhaust duct
connected to the at least one turbine directly or through intermediate elements, a first

B2
booster stage in the intake duct to the compressor, a second booster stage arranged in the exhaust duct or in an additional duct of the exhaust duct; the method comprising: operating the first booster stage and the second booster stage, individually or in combination, in dependence on specific operating conditions.
